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Practitioner's Docket No. 57188/02-774**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Confer, et al.
Application No.: 10/696,544
Confirmation No.: 7788
Filed: 10/29/2003
For: *M. Haemolytica* outer membrane protein PlpE as a vaccine component against shipping fever
Group No.: 1653
Examiner: Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))**

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. Timing of Statement (with any required certifications)
2. Preliminary Statements
3. Forms PTO-1449 (Modified)
4. Comments on References
5. Identification of Person(s) Making This Information Disclosure Statement

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. SECTION 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

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deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signature

Date: July 7, 2004

Jamie A. Robinson
(type or print name of person certifying)

(Transmittal of Information Disclosure Statement
Within Three Months of Filing or Before Mailing of First Office Action— Page 1 of 3)

Section 1. Timing of Statement (with any required certifications)

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. section 1.97(b).

Section 2. Preliminary statements

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. section 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Note that Reference AG was published after the priority date accorded the present application.

Section 3. Form PTO-1449 (Modified)

Attached.

Section 4. Comments on References

None.

Section 5. Identification of Person Making This Information Disclosure Statement

The person making this certification is:

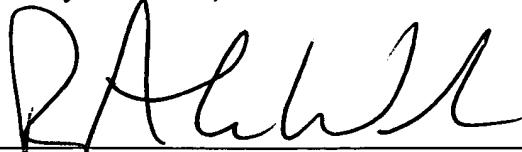
- a. the practitioner who signs below on the basis of the information in the practitioner's file.

No additional fee is believed to be due. However, if any fee is made payable by the filing of this paper, please consider this our authorization to charge the deposit account of the undersigned, Deposit Account No. 06-0540.

DATE

7/7/04

Respectfully submitted,



SIGNATURE OF PRACTITIONER

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FORM PTO-1449 (Modified) INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Attorney Docket No.: 57188/02-774
		Applicant(s): Confer, <i>et al.</i>
		Title: <i>M. Haemolytica</i> outer membrane protein PlpE as a vaccine component against shipping fever
		Serial No.: 10/696,544 Filing Date: 10/29/2003
		Group: 1653 Examiner: Unknown

U.S. PATENT DOCUMENTS

Examiner Initials		Document No.	Date	Name	Class	Subclass
	AA					

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document No.	Date	Name (Inventors)	Class	Translation Yes / No
	AB	WO 2004/041182 A2	05/21/2004	Confer, et al.	A61K	

OTHER ART

Examiner Initial		(Including Author, Title, Date, Pertinent Pages, Etc.)
	AC	Pandher, Karamjeet, Confer, Anthony W., and Murphy, George L., "Genetic and Immunologic Analyses of PlpE, a Lipoprotein Important in Complement-Mediated Killing of <i>Pasteurella haemolytica</i> Serotype 1." Infection and Immunity, Dec. 1998, Vol 66, No. 12, p. 5613-5619.

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Examiner Initial		(Including Author, Title, Date, Pertinent Pages, Etc.)
	AD	Morton, DVM, PhD, Rebecaa J., Panciera, DVM, PhD, Roger J., Fulton, DVM, PhD, Robert W., Frank, DVM, PhD, Glynn H., Ewing, DVM, PhD, Sidney A., Homer, PhD, John T., Confer, DVM, PhD, Anthony W., "Vaccination of cattle with outer membrane protein-enriched fractions of <i>Pasteurella haemolytica</i> and resistance against experimental challenge exposure." <i>Am J Vet Res</i> , Vol. 56, No. 7, July 1995, pp. 875-879.
	AE	Pandher, Karamjeet, Murphy, George L., Confer, Anthony W., "Identification of immunogenic, surface-exposed outer membrane proteins of <i>Pasteurella haemolytica</i> serotype 1." <i>Veterinary Microbiology</i> 65 (1999) pp. 215-226.
	AF	PCT International Search Report issued in connection with PCT/US03/34574, date of Mailing 18 June 2004.
	AG	Confer, Anthony W., Ayalew, Sahlu, Panciera, Roger J., Montelongo, Marie, Whitworth, Lisa C., Hammer, Jordan D., "Immunogenicity of recombinant <i>Mannheimia haemolytica</i> serotype 1 outer membrane protein PlpE and augmentation of a commercial vaccine." <i>Vaccine</i> 21 (2003) pp. 2821-2829 (published after priority date).

EXAMINER	DATE CONSIDERED

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance. Include copy of this form with next communication to applicant.